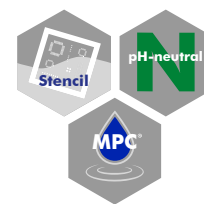


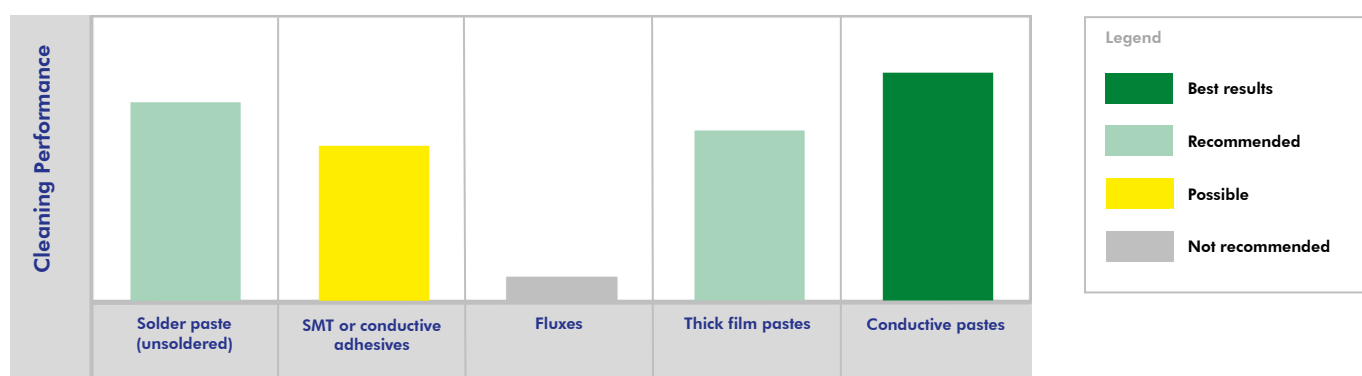
VIGON® TC 150

Water-based stencil cleaning agent for the removal of thermally conductive compounds



VIGON® TC 150 is a water-based MPC® cleaning agent which was specifically developed for the removal of thermally conductive compounds including silicon-based, silicon-free and silver/aluminum thermally conductive compounds from stencils and screens. This cleaning agent can also be used for the removal of silver sinter pastes from stencils and screens.

Areas of application – Stencil Cleaning



Advantages compared to other cleaners

- Very good cleaning performance on thermally conductive compounds.
- Can also be used for the removal of silver sinter pastes from stencils and screens.
- Water-based, therefore ideal replacement for common solvent cleaners.
- Water-based formulation ensures improved health & worker safety.
- No flashpoint, can be used in spray-in-air processes without explosion protection.

Process Steps

Cleaning Process	1. Cleaning	2. Rinsing	3. Drying
Spray-in-air (batch)	VIGON® TC 150	DI-water	Hot air or circulating air

Independent Test Center - Largest choice of leading machines, chemistry & analytics



Machine Test Center



Analytical Center

Visit our Machine Test Center and clean your stencils & screens under production conditions in cleaning machines of leading international equipment suppliers. Our process engineers will help you independently of any supplier to find the most suitable combination of equipment & cleaning agent for your requirements. Following the cleaning trials, all results will be reviewed immediately in our Analytical Center to verify the required cleanliness.

Contact ZESTRON's process engineers for cleaning trials:

Europe: +49 8453 41995 318; techsupport@zestron.com / South Asia: +604 (3996) 100; support@zestronasia.com




Technical Data*

Density	(g/ccm) at 20°C/68°F	0.96
Surface tension	(mN/m) at 25°C/77°F	48.6
Boiling point	°C/°F	>98
Flash point	°C/°F	None until boiling
pH value	10g/l H ₂ O	Neutral
Vapor pressure	(mbar) at 20°C/68°F	Approx. 20
Cleaning temperature	°C/°F	RT
Solubility in water		Soluble
Application concentration ¹	Concentrate	20 %
HMIS Rating	Health-Flammability-Reactivity	0 – 1 – 0

* VIGON® TC 150 is available as concentrate. The following information represents a ready-to-use-mixture.

¹ The concentrate of VIGON® TC 150 has to be diluted in DI-water.

Product Features & Cleaning Standards

 <p>100% compliance with EU guidelines (RoHS 1, 2 & 3, WEEE)</p>	<p>Stencils cleaned with VIGON® TC 150 in a ZESTRON specified process meet the following industry standards:</p> <ul style="list-style-type: none"> IPC-7526 Manual for cleaning of stencils and misprinted boards
 <p>MPC® Technology ensures an extremely long bath life when used in a closed loop system</p>	
 <p>Product is free of any critical substances according to SIN & SVHC lists</p>	

Environmental, health & safety regulations

- VIGON® TC 150 is water-based and biodegradable.
- The cleaning agent is formulated free of any halogenated compounds.
- The product is a non-hazardous material and according to EU standards does not require specific labelling.
- Refer to the SDS for specific handling precautions and instructions.

Availability & Storage

1 Liter	✓
5 Liter	✓
25 Liter	✓
200 Liter	✓

- Available as concentrate
- Store VIGON® TC 150 in the original container at a temperature between 5 - 30°C / 41 - 86°F.
- The product has a minimum shelf life of 5 years in factory sealed containers.



Further product information

- **Material Compatibility**
Please review the Material Compatibility overview before using the cleaning agent.
- **MPC® Technology Sheet**
Detailed information on MPC® Technology.
- **Filter recommendation**
To take full advantage of MPC® Technology and further extend the bath life of VIGON® TC 150, filtration is recommended.
- **Safety data sheet**

Available Process-Optimization-Products

To ensure a stable running cleaning process, it is important to monitor cleaning agent concentration and regular bath treatment. For VIGON® TC 150 the following process support product is available:



Concentration measurement:

- ZESTRON® Bath Analyzer 20, a manual test method for fast and reliable checks on cleaner concentration.